

Art Unit 2652
Serial No. 10/674,893

PATENT
Attorney Docket No.: K35A1413

Claim Amendments:

1. (previously presented): A disk drive comprising:
 - a disk drive base;
 - a spindle motor hub rotatably coupled to the disk drive base;
 - a disk disposed about the hub and having a disk surface;
 - a disk clamp attached to the hub in mechanical communication with the disk surface for applying a clamping force to the disk, the disk clamp including:
 - an inner annular surface disposed adjacent the hub;
 - an outer annular surface disposed concentrically about the inner annular surface; and
 - a disk clamp land portion disposed between the inner and outer annular surfaces and extending from the inner and outer annular surfaces to adjacent the disk surface for applying a clamping force to the disk;
 - a disk clamp damping member disposed adjacent and in mechanical communication with the disk clamp and the disk surface for damping movement of the disk relative to the hub; and
 - an annular disk clamp shim disposed between the disk clamp damping member and the disk surface and between the disk clamp land portion and the disk surface.
2. (cancelled)
3. (previously presented): The disk drive of Claim 1 wherein the disk clamp damping member extends between the outer annular surface of the disk clamp and the disk surface adjacent the disk clamp land portion.
4. (currently amended): The disk drive of Claim 1 wherein an inner portion of the disk clamp damping member extends between the inner annular surface of the disk clamp and a first portion of the disk surface adjacent the disk clamp land portion.

Art Unit 2652

Serial No. 10/674,893

PATENT

Attorney Docket No.: K35A1413

5. (currently amended): The disk drive of Claim 4 wherein an outer portion of the disk clamp damping member extends between the outer annular surface of the disk clamp and a second portion of the disk surface adjacent the disk clamp land portion.

6. (cancelled)

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (original): The disk drive of Claim 1 wherein the disk clamp damping member is formed of a viscoelastic material.

13. (previously presented): A disk drive comprising:

- a disk drive base;
- a spindle motor hub rotatably coupled to the disk drive base;
- a disk disposed about the hub and having a disk surface;
- an annular disk spacer disposed about the hub in mechanical communication with the disk surface, the disk spacer including:
 - a first inner annular surface disposed adjacent the hub;
 - a first outer annular surface disposed concentrically about the first inner annular surface; and
 - a first spacer land portion disposed between the first inner annular surface and the first outer annular surface and extending from the first

Art Unit 2652
Serial No. 10/674,893

PATENT
Attorney Docket No.: K35A1413

inner annular surface and the first outer annular surface to adjacent the disk surface;

a disk spacer damping member disposed adjacent and in mechanical communication with the disk spacer and the disk surface for damping movement of the disk relative to the hub; and

a first annular disk spacer shim is disposed between the disk spacer damping member and the disk surface and between the disk spacer land portion and the disk surface.

14. (cancelled)

15. (previously presented): The disk drive of Claim 13 wherein the disk spacer damping member extends between the first outer annular surface of the disk spacer and the disk surface adjacent the first spacer land portion.

16. (currently amended): The disk drive of Claim 13 wherein an inner portion of the disk spacer damping member extends between the first inner annular surface of the disk spacer and a first portion of the disk surface adjacent the first spacer land portion.

17. (currently amended): The disk drive of Claim 16 wherein an outer portion of the disk spacer damping member extends between the first outer annular surface of the disk spacer and a second portion of the disk surface adjacent the first spacer land portion.

18. (cancelled)

19. (cancelled)

20. (cancelled)

21. (cancelled)

Art Unit 2652

Serial No. 10/674,893

PATENT

Attorney Docket No.: K35A1413

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (original): The disk drive of Claim 13 wherein the disk spacer damping member is formed of a viscoelastic material.

Art Unit 2652
Serial No. 10/674,893

PATENT
Attorney Docket No.: K35A1413

28. (previously presented): A disk drive comprising:
- a disk drive base;
 - a spindle motor hub rotatably coupled to the disk drive base;
 - a disk disposed about the hub and having a disk surface;
 - a hub flange radially extending from the hub, the hub flange being formed to support the disk at the disk surface, the hub flange includes:
 - an inner annular surface disposed adjacent the hub;
 - an outer annular surface disposed concentrically about the inner annular surface; and
 - a hub flange land portion disposed between the inner and outer annular surfaces and extending from the inner and outer annular surfaces to adjacent the disk surface for supporting the disk;
 - a hub flange damping member disposed adjacent and in mechanical communication with the hub flange and the disk surface for damping movement of the disk relative to the hub; and
 - a first annular hub flange shim is disposed between the hub flange damping member and the disk surface and between the hub flange land portion and the disk surface.
29. (cancelled)
30. (previously presented): The disk drive of Claim 28 wherein the hub flange damping member extends between the outer annular surface of the hub flange and the disk surface adjacent the hub flange land portion.
31. (currently amended): The disk drive of Claim 28 wherein an inner portion of the hub flange damping member extends between the inner annular surface of the hub flange and a first portion of the disk surface adjacent the hub flange land portion.

Art Unit 2652
Serial No. 10/674,893

PATENT
Attorney Docket No.: K35A1413

32. (currently amended): The disk drive of Claim 31 wherein an outer portion of the hub flange damping member extends between the outer annular surface of the hub flange and a second portion of the disk surface adjacent the hub flange land portion.

33. (cancelled)

34. (cancelled)

35. (cancelled)

36. (cancelled)

37. (cancelled)

38. (cancelled)

39. (original): The disk drive of Claim 28 wherein the disk clamp damping member is formed of a viscoelastic material.

40. (cancelled)

41. (cancelled)